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14230 U.S.PTO
123103

ATTORNEY DOCKET NO.: INTEL1140 (P15614)

17497 U.S.PTO
10/750515
123103

ATTN: MAIL STOP PATENT APPLICATION

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the new Utility patent application of:

APPLICANTS: **MINEO YAMAKAWA and ANDREW BERLIN**

FOR: **METHODS AND COMPOSITIONS FOR DETECTING
NUCLEIC ACIDS USING SCANNING PROBE
MICROSCOPY AND NANOCODES**

Enclosed are the following papers, including all those required to receive a filing date under 37 CFR § 1.53(b):

Number of Pages

Cover Page	1
Specification	63
Claims	4
Abstract	1
Declaration – (Unsigned)	6
Drawing Sheets – (Formal)	5

"EXPRESS MAIL" Mailing Label Number: EV 318 740 337 US
Date of Deposit: December 31, 2003

I hereby certify under 37 CFR§ 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office To Addressee" with sufficient postage on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Jason Berry

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Enclosures:

- Application Data Sheet (2 pages);
- Check No. 551346 in the amount of \$1,058.00; and
- Return Receipt Postcard

The filing fee has been calculated as shown below: **LARGE ENTITY** status is claimed.

	Number Filed		Number Extra		Rate		Fee	
					Small Entity	Large Entity	Small Entity	Large Entity
Total Claims	36-20	=	16		\$09	\$18	=	\$.00 \$ 288.00
Independent Claims	3-3	=	0		\$43	\$86	=	\$.00 \$.00
Multiple Dependent Claims Presented: <u>Yes</u> <u>X</u> <u>No</u>					\$145	\$290		\$.00 \$.00
						BASIC FILING FEE	\$385.00	\$770.00
						TOTAL FEE		\$1,058.00

Check No. 551346 is enclosed as payment of the **FILING FEE**. The Commissioner is hereby authorized to apply any other required fees or any credits to Deposit Account No. 50-1355, referencing the attorney docket number shown above. A copy of this Transmittal Sheet is enclosed.

GRAY CARY WARE & FREIDENRICH LLP

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If this application is found to be INCOMPLETE, or if a telephone conference would otherwise be helpful, please call the undersigned at (858) 677-1456.

A duplicate copy of this letter is enclosed. Kindly acknowledge receipt of this application by returning the enclosed postcard.

All future correspondence should be addressed to:

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Respectfully submitted,

GRAY CARY WARE & FREIDENRICH LLP



Lisa A. Haile, J.D., Ph.D.
Registration No. 38,347

December 31, 2003

Date

LAH/EJV/kdl
Enclosures